

I CLAIM:

1. An extrusion molding machine comprises:

05 a main extrusion molding device, and a drive mechanism connected to the main extrusion molding device, the main extrusion molding device having an upper feed inlet, a lower chamber, and a gear mechanism therein, the gear mechanism having a main gear and a plurality of pinions,

10 a feed mechanism having the main gear, a first portion of the gear mechanism, and a containing interior,

the feed mechanism adjacent to the upper feed inlet of the main extrusion molding device,

a compression mechanism disposed below the feed mechanism,

15 the compression mechanism having the main gear, a second portion of the gear mechanism, and a guide interior,

a blending mechanism disposed below the compression mechanism,

20 the blending mechanism having a third portion of the gear mechanism, and a blending spacing,

a metering mechanism disposed below the blending mechanism,

the metering mechanism having a fourth portion of the gear mechanism, and

25 the lower chamber of the main extrusion molding

device communicating with the metering mechanism.

2. The extrusion molding machine as claimed in claim 1, wherein the drive mechanism has a motor device, a transmission case, and a drive shaft connected to the motor device, and the drive shaft passes through the transmission case to be inserted in the main extrusion molding device.

3. The extrusion molding machine as claimed in claim 1, wherein a feed hopper is disposed on the main extrusion molding device to communicate with the upper feed inlet of the main extrusion molding device.

4. The extrusion molding machine as claimed in claim 1, wherein a discharge pipe is disposed on the main extrusion molding device to communicate with the lower chamber of the main extrusion molding device, and the discharge pipe has an outlet.

5. The extrusion molding machine as claimed in claim 1, wherein the blending mechanism and the metering mechanism are arranged transversely.

6. The extrusion molding machine as claimed in claim 1, wherein a feeding mechanism is inserted in the blending mechanism.